	Application No.	Applicant(s)
Notice of Allowability	10/664,500	YALOVSKY, MARK
	Examiner	Art Unit	
	Maikhanh Nguyen	2176	

*-- The **MAILING DATE** of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the Amendment filed 11/02/2007 and the telephonic interview 01/16/2008.*

2. ☒ The allowed claim(s) is/are *1, 4,5, 7-12, 14-17, and 21-23 (now renumbered 1-17).*

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has **THREE MONTHS FROM THE "MAILING DATE"** of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

    Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

William S. Bashore
WILLIAM BASHORE
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

I.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37

CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no

later than the payment of the Issue Fee.

Any comments considered necessary by applicant must be submitted no later than

the payment of the issue fee and, to avoid processing delays, should preferably

accompany the Issue Fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

II.   Authorization for this examiner's amendment was given in a telephone interview with

Mr. Allen Lang (Reg. No. 58, 829) on January 16, 2008.

The application has been amended as follows:

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

1. (Currently Amended) A computer-implemented method for inserting input into an electronic document page comprising:

placing a pointer on the electronic document page;

~~in response to placing the pointer on the electronic document page,~~ scanning the electronic document page for ~~an~~ existing <u>objects,</u>

<u>determining a dominant existing object</u>; ~~and~~

<u>identifying content guidelines of the dominant existing object;</u>

~~if an existing object is detected in scanning the electronic document page:~~

selecting a content-based guideline of the <u>dominant</u> existing object that is adjacent to the pointer, the content-based guideline being selected from a plurality of content-based guidelines by applying rules to determine which one of the plurality of content-based guidelines is dominant, the plurality of content-based guidelines comprising the following: a gravity parameter defining a distance beyond which the plurality of content-based guidelines are suppressed, vertical lines and horizontal lines defined by an equation of a line, the vertical lines being attached to content features of the <u>dominant</u> existing object and the horizontal lines being aligned to text comprising the <u>dominant</u> existing object, <u>wherein at least one of the vertical lines intersects substantially perpendicularly with at least one of the horizontal lines,</u> wherein applying the rules to determine which one of the plurality of content-based guidelines is dominant comprises one of the following: using guideline hierarchy and applying the rules with guideline dominance

being a function of page position <u>and the plurality of content-based guidelines move with</u>

<u>the dominant existing object when the dominant existing object is moved</u>; ~~and~~

aligning the pointer to the content-based guideline for inserting the input[[.]]<u>; and</u>

<u>creating a new object wherein the content of the new object is aligned with the</u>

<u>selected content guideline of the dominant existing object,</u>

<u>wherein the input comprises an input document object, wherein the content-based</u>

<u>guideline is an existing content-based guideline, and wherein the input document object</u>

<u>comprises content, and wherein the method further comprises the step of identifying an</u>

<u>input content- based guideline of the input document object, and wherein the aligning</u>

<u>step comprises positioning the content of the input document object on the page so that</u>

<u>the input content-based guideline is aligned to the existing content-based guideline.</u>

2. - 3. (canceled)

4. (Currently Amended) The method of Claim [[2]] <u>1</u>, wherein the input document object

comprises a graphic.

5. (Original) The method of Claim 4, wherein the input document object further

comprises textual content.

6. (Original) The method of Claim 1, wherein the input comprises text.

7. (Currently Amended) The method of Claim 1, wherein the <u>dominant</u> existing object

comprises text and the content-based guideline is horizontally aligned with the text.

8. (Currently Amended) The method of Claim 1, wherein the <u>dominant</u> existing object

comprises text and the content-based guideline is a vertical guideline that is aligned to a

format feature of the text.

9. (Currently Amended) The method of Claim 1, wherein the <u>dominant</u> existing object

comprises text and the content-based guideline is aligned to a reflow bar of the existing

object.

10. (Original) The method of Claim 1, further comprising the step of: if no existing

object is detected in the scanning step, inserting input at the placement of the pointer.

11. (Currently Amended) The method of Claim 1, wherein:

the existing <u>dominant</u> object comprises existing text;

the input comprises input text;

the content-based guideline is aligned with a feature of the existing text; and

the aligning step further comprises aligning the input text to the content-based guideline.

12. (Currently Amended) A computer-readable storage device storing a set of

~~computer-executable~~ instructions for inserting input in an electronic page, the instructions

when executed by a computer performing:

placing a pointer ~~in~~ on ~~an~~ the electronic page;

scanning the electronic page for existing objects;

determining a dominant existing object;

identifying content guidelines of the dominant existing object;

~~selecting a content guideline of the dominant existing object according to its~~

~~position on the electronic page relative to the pointer, the content guideline being selected~~

~~from a plurality of content-based guidelines comprising the following: a gravity~~

~~parameter defining a distance beyond which the plurality of content-based, guidelines are~~

~~suppressed, vertical lines and horizontal lines defined by an equation of a line stored on~~

~~the computer-readable storage device, the vertical lines being attached to content features~~

~~of the dominant existing object and the horizontal lines being aligned to text comprising~~

~~the dominant existing object wherein at least one of the vertical lines intersects~~

~~substantially perpendicularly with at least one of the horizontal lines; and~~

selecting a content-based guideline of the dominant existing object that is adjacent

to the pointer, the content-based guideline being selected from a plurality of content-

based guidelines by applying rules to determine which one of the plurality of content-

based guidelines is dominant, the plurality of content-based guidelines comprising the

following: a gravity parameter defining a distance beyond which the plurality of content-

based guidelines are suppressed, vertical lines and horizontal lines defined by an equation of a line, the vertical lines being attached to content features of the dominant existing object and the horizontal lines being aligned to text comprising the dominant existing object, wherein at least one of the vertical lines intersects substantially perpendicularly with at least one of the horizontal lines, wherein applying the rules to determine which one of the plurality of content-based guidelines is dominant comprises one of the following: using guideline hierarchy and applying the rules with guideline dominance being a function of page position and the plurality of content-based guidelines move with the dominant existing object when the dominant existing object is moved; aligning the pointer to the content-based guideline for inserting the input;

creating a new object wherein the content of the new object is aligned with the selected content guideline of the dominant existing object[[.]],

wherein the input comprises an input document object, wherein the content-based guideline is an existing content-based guideline, and wherein the input document object comprises content, and wherein the method further comprises the step of identifying an input content- based guideline of the input document object, and wherein the aligning step comprises positioning the content of the input document object on the page so that the input content-based guideline is aligned to the existing content-based guideline.

14. (Original) The device of Claim 12, wherein the determining step comprises determining a dominant existing object on the basis of position on the electronic page.

15. (Original) The device of Claim 12, wherein the determining step comprises

determining that the existing object that is closest to the left side of the electronic page is

the dominant existing object.

16. (Original) The device of Claim 12, wherein the determining step comprises

determining that the existing object that is closest to the top side of the electronic page is

the dominant existing object.

17. (Original) The device of Claim 12, wherein the determining step further comprises

identifying the existing object that is closest to the top left corner of the electronic page.

18. - 20. (Canceled)

21. (Currently Amended) A system for inserting input into an electronic document page,

the system comprising:

a memory storage for maintaining a database; and

a processing unit coupled to the memory storage, wherein the processing unit is operative

to:

      place a pointer on the electronic document page;

      scan the electronic document page for ~~an~~ existing <u>objects</u> ~~in response to placing~~

      ~~the pointer on the electronic document page~~,

      <u>determine a dominant existing object;</u>

select[[,]] ~~if an existing object is detected in scanning the electronic document page,~~ a content-based guideline of the <u>dominant</u> existing object that is adjacent to the pointer, the content-based guideline being selected from a plurality of content-based guidelines by applying rules to determine which one of the plurality of content-based guidelines is dominant, the plurality of content-based guidelines comprising <u>the following: a gravity parameter defining a distance beyond which the plurality of content-based guidelines are suppressed,</u> vertical lines and horizontal lines <u>defined by an equation of a line,</u> the vertical lines being attached to content features of the <u>dominant</u> existing object and the horizontal lines being aligned to text comprising the <u>dominant</u> existing object, <u>wherein at least one of the vertical lines intersects substantially perpendicularly with at least one of the horizontal lines, wherein applying the rules to determine which one of the plurality of content-based guidelines is dominant comprises one of the following: using guideline hierarchy and applying the rules with guideline dominance being a function of page position and</u> the plurality of content-based guidelines ~~configured to~~ move with the <u>dominant</u> existing object when the <u>dominant</u> existing object is moved; ~~and~~

align[[,]] ~~if an existing object is detected in scanning the electronic document page,~~ the pointer to the content-based guideline for inserting the input[[.]]<u>; and</u>

<u>create a new object wherein the content of the new object is aligned with the selected content guideline of the dominant existing object,</u>

<u>wherein the input comprises an input document object, wherein the content-based guideline is an existing content-based guideline, and wherein the</u>

input document object comprises content, and wherein the method further comprises the step of identifying an input content- based guideline of the input document object, and wherein the aligning step comprises positioning the content of the input document object on the page so that the input content-based guideline is aligned to the existing content-based guideline.

22. (Previously Presented) The system of claim 21, wherein the processing unit being operative to align further comprises the processing unit being operative to align before text has been received for the input.

23. (Previously Presented) The system of claim 21, wherein the processing unit being operative to align further comprises the processing unit being operative to align after text has been received for the input.

Contact information

III.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Maikhanh Nguyen whose telephone number is (571) 272-4093. The examiner can normally be reached on Monday - Friday from 9:00am – 5:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Hutton can be reached at (571) 272-4137.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MN

WILLIAM BASHORE
PRIMARY EXAMINER